

William Blair Large Cap Growth SMA Strategy Portfolio Review

March 2025

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Portfolio Managers

A decorative graphic on the right side of the slide. It features a large, dark blue diagonal shape that points towards the bottom right corner. Overlaid on this and the white background are several vertical bars of varying heights and widths in shades of blue and grey. Some bars are solid, while others are thin lines.

William Blair

Important Disclosures – Large Cap Growth SMA Strategy

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Strategy

The Large Cap Growth SMA strategy invests primarily in large-capitalization companies of high quality that demonstrate sustainable growth characteristics.

Performance and Fees

Past performance is not indicative of future returns. Performance is shown in U.S. dollar unless otherwise noted. Returns for periods greater than one year are annualized. Performance results assume the reinvestment of dividends and capital gains. Gross investment performance is shown gross of all fees and transaction costs. Net of fee results are calculated using the wrap program's maximum fee of 3.00%. This bundled (wrap) fee includes investment advisory fees, financial consultant fees, custodial fees, and trading expenses.

Risk

The Strategy's returns will vary, and you could lose money by investing in the Strategy. The Strategy invests most of its assets in equity securities of large cap domestic growth companies where the primary risk is that the value of the equity securities it holds might decrease in response to the activities of those companies or market and economic conditions. Individual securities may not perform as expected or a strategy used by the Adviser may fail to produce its intended result. Different investment styles tend to shift in and out of favor depending on market conditions and investor sentiment, and at times when the investment style used by the Adviser for the Strategy is out of favor, the Strategy may underperform other equity strategies that use different investment styles. The Strategy invests most of its assets in equity securities of domestic growth companies, including common stocks and other forms of equity investments (e.g., convertible securities). Convertible securities are at risk of being called before intended, which may have an adverse effect on investment objectives. To the extent that investments are concentrated amongst a small number of issuers, the strategy may be more susceptible to adverse developments affecting any single issuer. The Strategy is not intended to be a complete investment program. The Strategy is designed for long-term investors.

Benchmark

The Russell 1000® Growth Index consists of large-capitalization companies with above average price-to-book ratios and forecasted growth rates. The Index is unmanaged and does not incur fees or expenses. It is not possible to directly invest in an unmanaged index.

https://williamblair.com/~media/Downloads/IM/Composite_Disclosures.pdf

For your reference, the following hyperlink contains additional notices and disclaimers required by our data suppliers:

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Summary & Outlook

March 31, 2025

Market Overview

U.S. equity indices experienced a downturn in the first quarter of 2025. Weakness in the market was primarily driven by increasing fears around economic growth and uncertainty around the new administration's tariff policy. While positive economic indicators such as strong employment and easing inflation in January and February offered some support, rising investor caution exacerbated by policy uncertainty drove market declines. U.S. corporate earnings growth was generally healthy, with continued outsized growth and planned capital expenditures among mega-cap technology companies. However, concerns that the AI growth narrative could be upended by competitors like DeepSeek spurred a retrenchment among the "Magnificent Seven," which had an outsized effect on the returns of the large cap indices in the quarter. Ultimately, despite healthy earnings and continued employment strength, economic growth fears and tariff policy uncertainty were the primary drivers of negative performance across U.S. equity indices.

Portfolio Performance

The William Blair Large Cap Growth SMA Strategy (net of fees) underperformed its benchmark, the Russell 1000 Growth Index, during the first quarter.

Relative performance was driven by stock-specific dynamics and a modest style headwind. The top contributors to performance for the period included O'Reilly Automotive (Consumer Discretionary), Mastercard (Financials), United Healthcare (Health Care), Uber Technologies (Industrials) and Linde (Materials). Shares of O'Reilly Automotive, one of the largest specialty retailers of automotive aftermarket parts, tools, supplies, equipment and accessories in the United States, rose due to strong same-store sales growth, with particular strength in the company's professional "do-it-for-me" segment. Mastercard, a technology-driven global payments company, outperformed on strength in its cross-border and value-added services segments. Not owning Tesla (Consumer Discretionary) and Alphabet

(Communication Services) was also a tailwind to relative performance. The top detractors for the period came from Information Technology, including our positions in Datadog, ServiceNow, Salesforce and NVIDIA, and Health Care, including our position in West Pharmaceuticals and not owning Eli Lilly. Shares of Datadog, an observability solution that helps companies of different sizes keep cloud applications running, retreated after the company issued weaker 2025 margin guidance due to an increase in headcount, investments in R&D and sales and marketing. Shares of West Pharmaceuticals, a leading supplier of packaging components for injectable drugs and accessories for prefilled syringes and cartridge components, declined as its 2025 guidance was below expectations, driven by the loss of two major contract manufacturing customers and weaker-than-expected incentive payments for its SmartDose manufacturing segment. From a style perspective, our underweight exposure to the highest dividend-yielding stocks was a modest headwind.

Outlook

As of the end of the first quarter, the underlying economy remained stable, driven by favorable employment trends and steady economic growth. However, investor sentiment has turned cautious due to evolving narratives around AI and the new administration's policy announcements. While potential pro-growth policies from the new administration could stimulate economic activity and benefit domestically oriented businesses, the inflationary risks associated with new tariffs remain a prominent concern. Moreover, escalating geopolitical tensions and rising government debt pose potential headwinds to economic growth and corporate earnings.

Our investment philosophy focuses on finding durable businesses through bottom-up, fundamental analysis. We seek companies with superior management, significant competitive advantages, and differentiated products and services, whose stock prices are not reflective of their long-term fundamental expectations. We believe our focus on durable businesses with compelling risk-reward profiles positions us to successfully navigate a multitude of economic regimes.

Market Performance

Periods Ending March 31, 2025

	Value	Core	Growth
Month to Date			
Russell 3000	-2.93	-5.83	-8.36
Russell 1000	-2.78	-5.79	-8.42
Russell Midcap	-3.68	-4.63	-7.41
Russell 2500	-5.44	-6.27	-7.96
Russell 2000	-6.00	-6.81	-7.58
Quarter to Date			
Russell 3000	1.64	-4.72	-10.00
Russell 1000	2.14	-4.49	-9.97
Russell Midcap	-2.11	-3.40	-7.12
Russell 2500	-5.83	-7.50	-10.80
Russell 2000	-7.74	-9.48	-11.12
Year to Date			
Russell 3000	1.64	-4.72	-10.00
Russell 1000	2.14	-4.49	-9.97
Russell Midcap	-2.11	-3.40	-7.12
Russell 2500	-5.83	-7.50	-10.80
Russell 2000	-7.74	-9.48	-11.12

Market Performance

- US equities moved lower with major indices like the S&P 500 and Russell 2000 enduring their worst quarterly performances since 2022.
- Weakness in the market was primarily driven by increasing fears around economic growth, uncertainty around the new administration's tariffs, and concerns that the AI growth narrative could be upended by competitors like DeepSeek.
- While positive economic indicators such as strong employment and easing inflation in January and February offered some support, a confluence of weakening hard data, declining soft data, and rising investor caution exacerbated the market declines late in the period.

Style Performance

- In March and the first quarter, value indices outperformed growth indices across the market cap spectrum, with a more significant spread in the larger cap segments.

Market Cap Performance

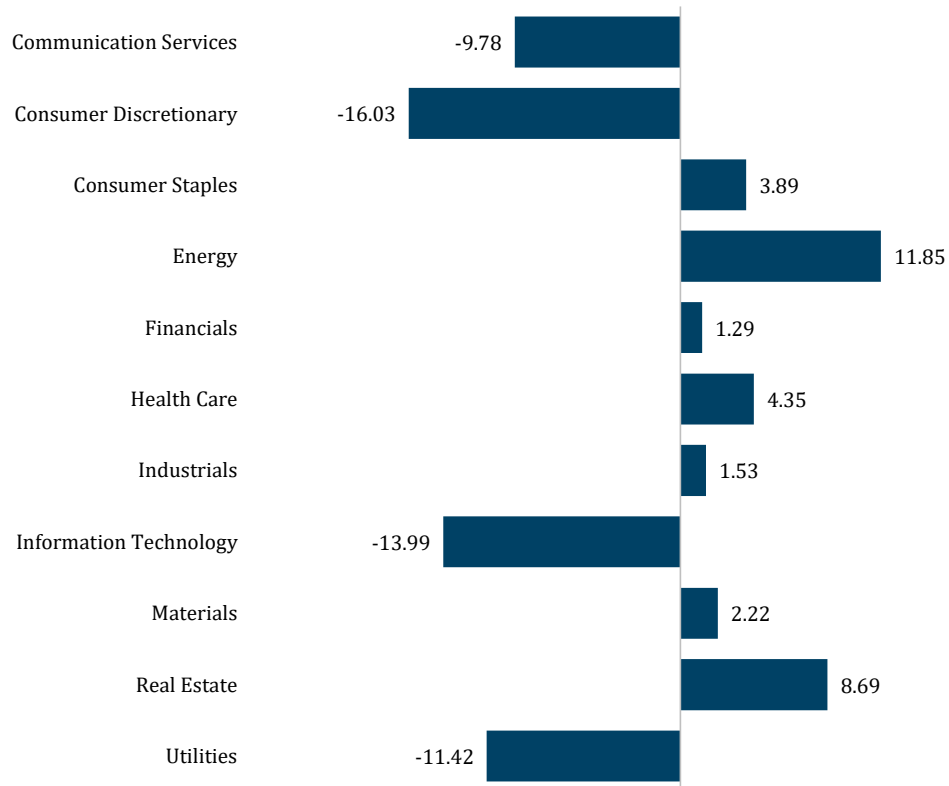
- In March and the first quarter, larger caps outperformed smaller caps in the value indices, while the dispersion across the market cap spectrum was narrow in the growth indices.

Performance data calculated in Eagle.

Past performance is not indicative of future returns. A direct investment in an index is not possible. Please refer to the appendix for additional index information.

Market Performance

Russell 1000 Growth Total Return Q1 2025



As of March 31, 2025.

Data calculated in our proprietary attribution system. Sector diversification calculated by William Blair based on Global Industry Classification Sectors (GICS). Weights may vary over time as benchmark index weights shift.

Past performance is not indicative of future returns. A direct investment in an index is not possible.

Large Cap Growth SMA Strategy

Performance for periods ending March 31, 2025

			Annualized			
Composite Performance (%)	Qtr	1 Yr	3 Yr	5 Yr	10 Yr	Since Inception (Jul 1 01)
Large Cap Growth SMA (Gross of fees)	-10.00	-0.88	7.59	17.26	14.68	9.62
Large Cap Growth SMA (Net of fees)	-10.70	-3.81	4.42	13.83	11.33	6.41
Russell 1000 Growth Index	-9.97	7.76	10.10	20.09	15.12	9.62

Annual Composite Performance (%)	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Large Cap Growth SMA (Gross of fees)	26.40	41.59	-32.12	28.97	37.26	37.50	6.32	32.27	2.95	8.22	15.72	34.68
Large Cap Growth SMA (Net of fees)	22.73	37.51	-34.20	25.23	33.29	33.53	3.19	28.45	-0.09	5.03	12.34	30.79
Russell 1000 Growth Index	33.36	42.68	-29.14	27.60	38.49	36.39	-1.51	30.21	7.08	5.67	13.05	33.48

Annual Composite Performance (%)	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001 ¹
Large Cap Growth SMA (Gross of fees)	19.77	-2.29	17.30	33.19	-36.96	10.54	7.89	5.27	6.84	26.47	-25.94	-5.87
Large Cap Growth SMA (Net of fees)	16.28	-5.19	13.87	29.34	-38.88	7.34	4.76	2.21	3.74	22.85	-28.16	-7.27
Russell 1000 Growth Index	15.26	2.64	16.71	37.21	-38.44	11.81	9.07	5.26	6.30	29.75	-27.88	-7.21

March 2025 performance is preliminary.

¹Represents partial year performance since inception (7/1/01).

Past performance is not indicative of future returns. Performance is shown in U.S. dollar unless otherwise noted. Returns for periods greater than one year are annualized. Gross investment performance is shown gross of all fees and transaction costs and assumes the reinvestment of dividends and capital. Net investment performance represents the deduction of all fees charged directly or indirectly to the accounts. Net of fee results are calculated using the wrap program's maximum fee of 3.00%. Investment management fees are described in William Blair's Form ADV Part 2A. The Russell 1000 Growth Index is an unmanaged index registered to Russell/Mellon. It measures those Russell 1000 companies with higher price-to-book ratios and higher forecasted growth values. It is a capitalization-weighted index as calculated by Russell on a total return basis with dividends reinvested. Please see GIPS Composite Report in appendix for a complete description of the composite.

Large Cap Growth Attribution

QTD Contributors

- Top contributors: O'Reilly Automotive (Consumer Discretionary), Mastercard (Financials), United Healthcare (Health Care), Uber Technologies (Industrials) and Linde (Materials)
- Not owning Tesla (Consumer Discretionary) and Alphabet (Communication Services)

QTD Detractors

- Information Technology, including our positions in Datadog, ServiceNow, Salesforce and NVIDIA, and Health Care, including our position in West Pharmaceuticals and not owning Eli Lilly
- Our underweight to the highest dividend yielding stocks was a modest headwind

2024 Contributors

- Top contributors: NVIDIA (Information Technology), Apollo Global Management (Financials), ServiceNow (Information Technology), Intuitive Surgical (Health Care), as well as our underweight to Apple (Information Technology)
- Not owning Adobe (Information Technology) and Merck & Co. (Health Care)

2024 Detractors

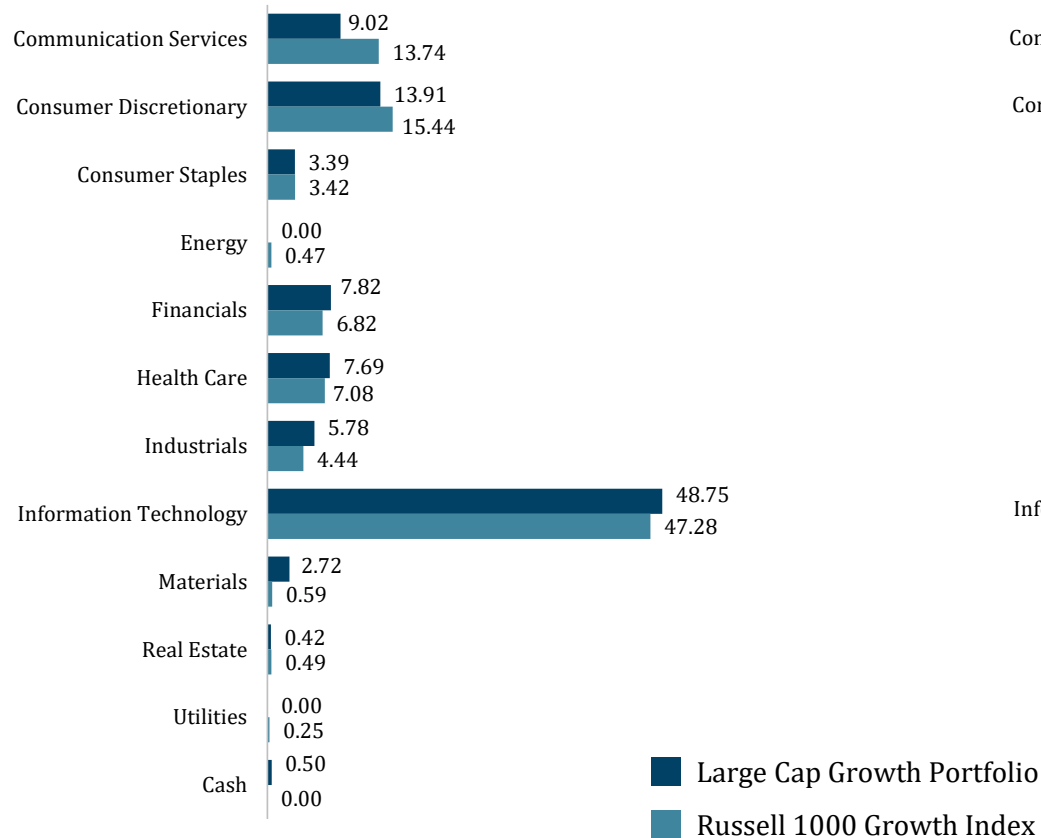
- Stock selection in Communication Services, including Meta Platforms and Alphabet, and Information Technology, including Broadcom and Accenture
- Other top detractors: Monster Beverage (Consumer Staples)
- Not owning Tesla (Consumer Discretionary)

As of March 31, 2025. Source: William Blair.

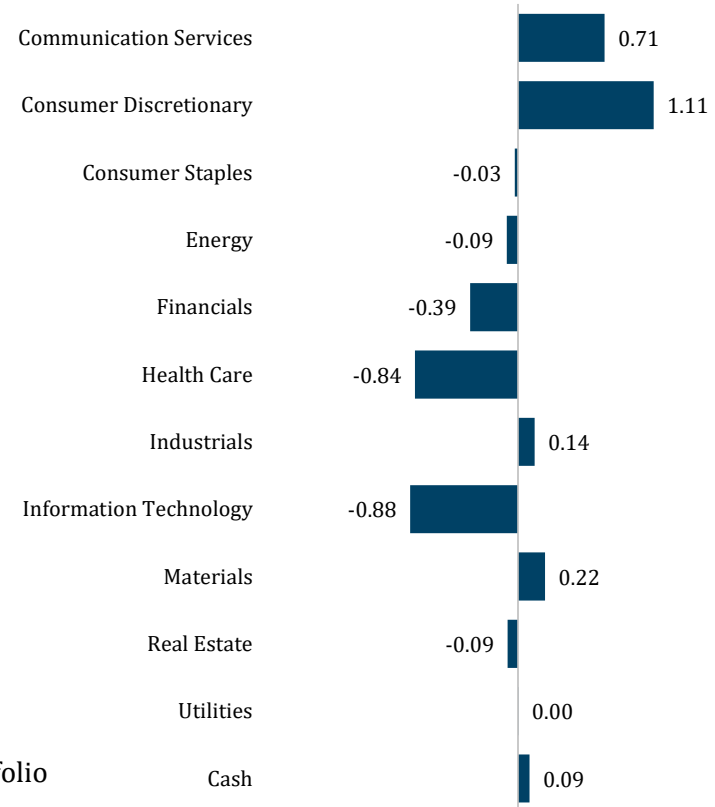
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Portfolio Analysis

Q1 2025 Average Weights



Q1 2025 Attribution Analysis



Total returns for the representative portfolio: Gross of Fee = -10.02 and Net of Fee = -10.68

Net returns are based on a model fee equal to the maximum separate account management fee for the strategy as of the time the return was calculated.

As of March 31, 2025.

Data calculated in our proprietary attribution system. Sector diversification calculated by William Blair based on Global Industry Classification Sectors (GICS). Weights may vary over time as benchmark index weights shift. Attribution effects are calculated with gross of fee portfolio performance using the Selection Plus methodology.

Past performance is not indicative of future returns. The data shown above is based on the strategy's representative portfolio. Gross investment performance assumes reinvestment of dividends and capital gains, is gross of investment management fees and transaction costs. Performance results will be reduced by the fees incurred. Attribution by segment is based on estimated returns of all equities held during a measurement period, including purchases and sales. Please refer to the performance summary slide for complete composite performance, including net of fees returns.

Top 15 Holdings – Large Cap Growth Portfolio

Large Cap Growth Portfolio

	Large Cap Growth Portfolio % In Portfolio	Russell 1000 Growth Index % In Index
Microsoft Corp	11.78	10.27
NVIDIA Corp	9.85	9.34
Apple Inc	8.83	12.02
Amazon.com Inc	8.74	6.63
Meta Platforms Inc	6.72	4.26
Mastercard Inc	4.62	1.73
Broadcom Inc	3.70	2.90
O'Reilly Automotive Inc	2.74	0.30
Costco Wholesale Corp	2.70	1.63
Copart Inc	2.68	0.18
UnitedHealth Group Inc	2.63	0.13
Intuit Inc	2.62	0.65
Chipotle Mexican Grill Inc	2.41	0.27
Salesforce Inc	2.31	0.82
IDEXX Laboratories Inc	2.13	0.13
Total	74.45	51.26

Russell 1000 Growth Index

	Russell 1000 Growth Index % In Index	Large Cap Growth Portfolio % In Portfolio
Apple Inc	12.02	8.83
Microsoft Corp	10.27	11.78
NVIDIA Corp	9.34	9.85
Amazon.com Inc	6.63	8.74
Alphabet Inc	6.20	--
Meta Platforms Inc	4.26	6.72
Broadcom Inc	2.90	3.70
Tesla Inc	2.79	--
Eli Lilly & Co	2.56	--
Visa Inc	2.34	--
Mastercard Inc	1.73	4.62
Costco Wholesale Corp	1.63	2.70
Netflix Inc	1.55	--
Home Depot Inc/The	1.12	--
Merck & Co Inc	0.88	--
Total	66.25	56.93

Number of Securities

Large Cap Growth Portfolio	33
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Russell 1000 Growth Index	394
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As of March 31, 2025.

Calculated by William Blair. Specific securities identified and described do not represent all of the securities purchased, sold, or recommended and you should not assume that investments in the securities identified were or will be profitable. The data shown above is based on the strategy's representative portfolio. Holdings include cash. Individual securities listed in this report are for informational purposes only. Holdings are subject to change at any time. This information does not constitute, and should not be construed as, investment advice or recommendations with respect to the securities listed.

Large Cap Growth Portfolio Characteristics

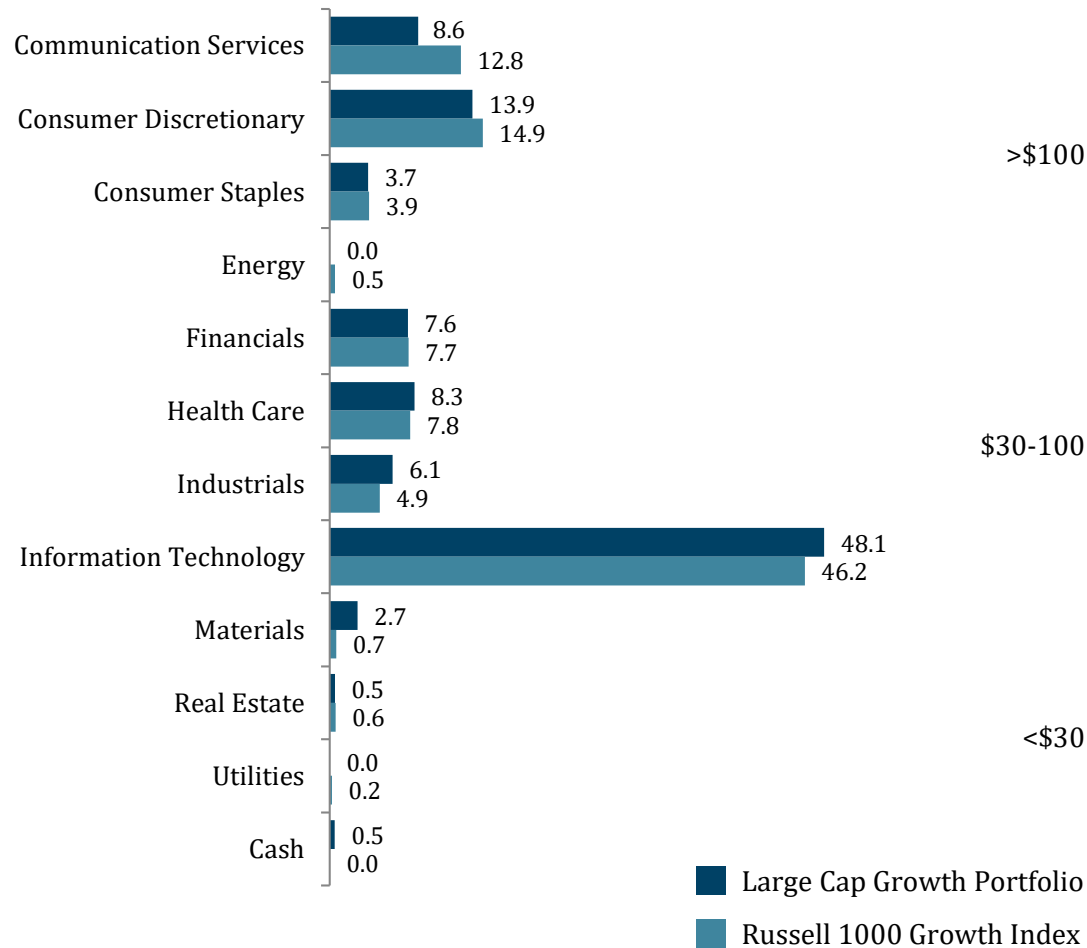
	Large Cap Growth Portfolio	Russell 1000 Growth Index
Growth		
EPS Growth Rate (LT forecast)	16.8%	19.1%
Quality		
Return on Assets (5-year average)	16.3%	16.3%
Free Cash Flow Margin	20.6%	19.6%
Debt to Total Capital	36.5%	39.4%
Valuation		
P/E (1-year forecast)	26.1x	25.1x
Dividend Yield	0.5%	0.7%
Capitalization (\$B)		
Weighted Average Market Cap	\$1,276.2	\$1,398.8
Weighted Median Market Cap	\$499.7	\$833.6
Portfolio Positions		
Number of Securities	33	394
Cash		
% Cash in Portfolio	0.5%	--

As of March 31, 2025.

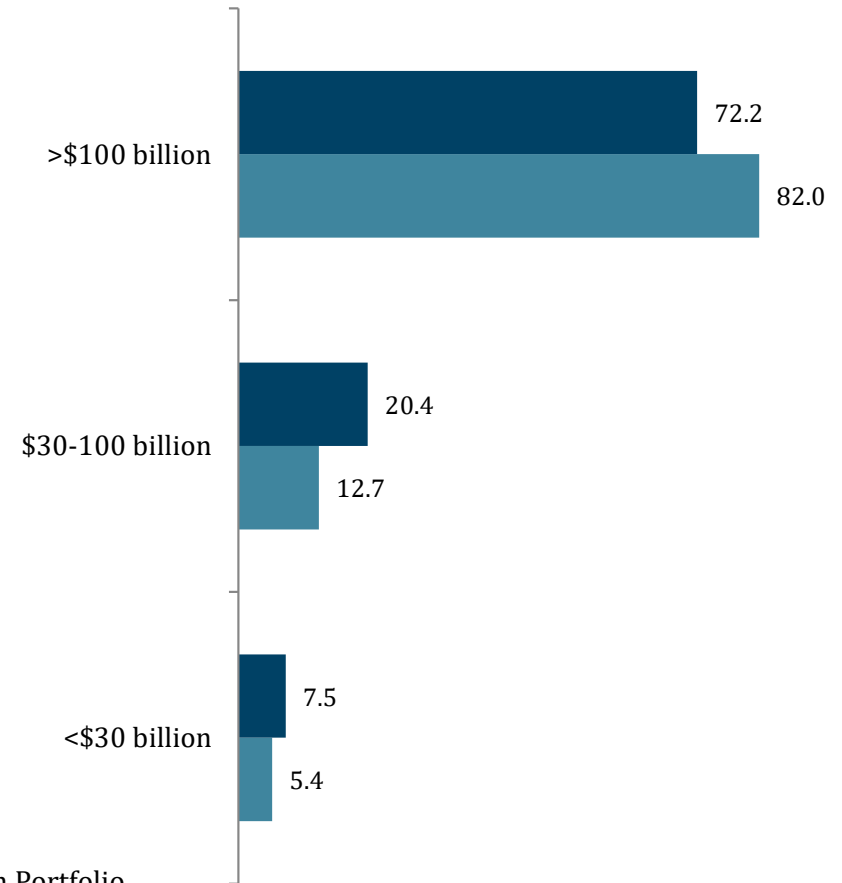
Calculated by William Blair. Yield is only one component of expected performance and is not and should not be viewed as a statement of the future performance of the strategy. Please refer to the performance summary for complete performance information. The data shown above is based on the strategy's representative portfolio.

Large Cap Growth Portfolio Composition

Sector Diversification



Market Cap Breakdown¹



As of March 31, 2025.

¹Portfolio allocations exclude cash.

Sector diversification calculated in Eagle by William Blair based on Global Industry Classification Sectors (GICS). Market capitalization is calculated in Eagle by William Blair. Weights may vary over time as benchmark index weights shift. The data shown above is based on the strategy's representative portfolio. Weights shown are percentages of total net assets.

Holdings: Large Cap Growth

March 31, 2025

	Portfolio Weight	Benchmark Weight		Portfolio Weight	Benchmark Weight
COMMUNICATION SERVICES	8.61	12.75	INDUSTRIALS (continued)		
Meta Platforms Inc-Class A	6.72		Uber Technologies Inc	1.61	
Live Nation Entertainment In	1.89		INFORMATION TECHNOLOGY	48.06	46.17
CONSUMER DISCRETIONARY	13.89	14.88	Microsoft Corp	11.78	
Amazon.Com Inc	8.74		Nvidia Corp	9.85	
O'Reilly Automotive Inc	2.74		Apple Inc	8.83	
Chipotle Mexican Grill Inc	2.41		Broadcom Inc	3.70	
CONSUMER STAPLES	3.74	3.85	Intuit Inc	2.62	
Costco Wholesale Corp	2.70		Salesforce Inc	2.31	
Monster Beverage Corp	1.04		Servicenow Inc	2.10	
ENERGY	0.00	0.53	Lam Research Corp	1.93	
FINANCIALS	7.60	7.66	Datadog Inc - Class A	1.55	
Mastercard Inc - A	4.62		Palo Alto Networks Inc	1.42	
Carlyle Group Inc/The	1.94		Tyler Technologies Inc	1.37	
Apollo Global Management Inc	1.04		Accenture Plc-Cl A	0.60	
HEALTH CARE	8.26	7.84	MATERIALS	2.72	0.65
Unitedhealth Group Inc	2.63		Linde PLC	1.58	
Idexx Laboratories Inc	2.13		Martin Marietta Materials	1.14	
Agilent Technologies Inc	1.70		REAL ESTATE	0.51	0.57
Veeva Systems Inc-Class A	1.17		Jones Lang Lasalle Inc	0.51	
West Pharmaceutical Services	0.62		UTILITIES	0.00	0.22
INDUSTRIALS	6.12	4.86	Cash	0.50	0.00
Copart Inc	2.68		Total	100.00	100.00
Transunion	1.83				

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Glossary – Terms

Active Share: A measure of the percentage of stock holdings in a manager's portfolio that differ from the benchmark index.

Alpha: A measure of a portfolio's return in excess of the market return, after both have been adjusted for risk. It is a mathematical estimate of the amount of return expected from a portfolio above and beyond the market return at any point in time. For example, an alpha of 1.25 indicates that a stock is projected to rise 1.25% in price in a year over the return of the market, or the return when the market return is zero. When an investment price is low relative to its alpha, it is undervalued, and considered a good selection.

Beta: A quantitative measure of the volatility of the portfolio relative to the overall market, represented by a comparable benchmark. A beta above 1 is more volatile than the overall market, while a beta below 1 is less volatile, and could be expected to rise and fall more slowly than the market.

CFROI (Cash Flow Return on Invested Capital): A measure of how effectively a company generates cash flow based on legacy capital investment.

Convexity: A measure of the sensitivity of a fixed income investment's duration to changes in yield.

Developed Markets: Using the Morgan Stanley Capital International (MSCI) geographic definition, this region includes: United Kingdom, Europe (Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Spain, Sweden and Switzerland), Japan, Pacific Asia (Australia, Hong Kong, New Zealand, and Singapore) and the Western Hemisphere (Canada and other Americas).

Debt to Total Capital Ratio: This figure is the percentage of each company's invested capital that consists of debt. Companies with a high Debt to Total Capital level may be considered riskier. From a portfolio perspective, the portfolio Debt to Total Capital Ratio is a weighted average of the individual holdings' Debt to Total Capital Ratio.

Duration: A measure of the price sensitivity of a fixed income investment to a change in interest rates, stated in years.

Emerging Markets: Using MSCI's geographic definition, this region includes: Emerging Markets Asia (China, India, Indonesia, Malaysia, S Korea, Taiwan, and Thailand), Emerging Markets Europe, Mid-East and Africa (Czech Republic, Hungary, Poland, Russia, Turkey, Egypt, Morocco, and S Africa), and Latin America (Argentina, Brazil, Chile, Columbia, Mexico, Peru and Venezuela).

EPS Estimate Revision Breadth: A 1-month factor representing the trend in the direction of estimate changes. Range from -100% to +100%, it is calculated as the number of positive revisions minus the number of negative revisions divided by the total number of estimates.

EPS (Earnings Per Share) Growth Rate (Projected): This measure represents the weighted average of forecasted growth in earnings expected to be experienced by the stocks within the portfolio over the next year. From a portfolio perspective, the portfolio EPS Growth Rate is a weighted average of the individual holdings' EPS Growth Rate.

EPS Growth Rate (5-Year Historic): The weighted average earnings per share growth for stocks within the portfolio over the past 5 years.

EV/EBITDA (Enterprise Value/Earnings Before Interest, Taxes and Depreciation-Amortization): The EV/EBITDA ratio is useful for global comparisons because it ignores the distorting effects of individual countries' taxation policies. It's used to find attractive takeover candidates. Enterprise value is a better measure than market cap for takeovers because it takes into account the debt which the acquirer will have to assume. Therefore, a company with a low EV/EBITDA ratio can be viewed as a good takeover candidate.

EV/IC: (Enterprise Value/Invested Capital) Ratio: Enterprise Value (EV), which is market capitalization minus cash plus debt divided by Invested Capital (IC), which is the sum of common stock, preferred stock and long-term debt. This number will get you a simple multiple. If it is below 1.0, then it means that the company is selling below book value and theoretically below its liquidation value.

Frontier Markets: Less advanced capital markets in the developing world.

FX: In finance, an exchange rate is the rate at which one currency will be exchanged for another. It is also regarded as the value of one country's currency in relation to another currency.

Information Ratio: A measure of risk-adjusted return. The annualized excess return of the portfolio relative to a respective benchmark, divided by the annualized tracking error relative to that same benchmark. The higher the measure, the higher the risk-adjusted return.

Integrated: Constructs a portfolio of the top 20% of stocks based on William Blair's multi-factor composite model, which uses Earnings Trend, Momentum, Quality, and Valuation factors. The portfolio is rebalanced on a monthly basis and weights stocks based on relative market capitalization.

Net Debt to EBITDA: A measure of leverage calculated by taking interest bearing liabilities minus cash divided by earnings before interest, taxes, depreciation, and amortization.

Option-Adjusted Spread (OAS): A measure of the spread of a fixed income investment's yield relative to a benchmark, adjusted to take into account an embedded option.

PBVn (Price/Book Value) Ratio: The PBV Ratio measures the value of a company's common stock relative to its shareholder's equity. A price-to-book multiple above one means that the price of the company's common stock is higher than its common shareholder's equity. A price-to-book multiple below one means that the price of the company's common stock are less than its break-up value, and the shares may be undervalued.

PCF (Price/CashFlow): Some analysts favor the price/cash flow over the price-earnings (PE) ratio as a measure of a company's value. Cash flow is a measure of a company's financial health. It equals cash receipts minus cash payments over a given period of time.

P/E (Price/Earnings) Ratio: This is the most common measure of how expensive a stock is. Simply, it is the cost an investor in a given stock must pay per dollar of current annual earnings. A high P/E generally indicates that the market is paying more to obtain the stock because it has confidence in the company's ability to increase its earnings. Conversely, a low P/E often indicates that the market has less confidence that the company's earnings will increase rapidly or steadily, and therefore will not pay as much for its stock.

Price to Book: A stock's capitalization divided by its book value. This ratio compares the market's valuation of a company to the value of that company as indicated on its financial statements.

R-squared: A measurement of how closely the portfolio's performance correlates with the performance of its benchmark, such as the MSC AC World Free ex US Index. In other words, it is a measurement of what portion of a portfolio's performance can be explained by the performance of the overall market or index. Ranges from 0 to 1, where 0 indicates no correlation and 1 indicates perfect correlation.

Recovery Rate: The extent to which principal and interest on defaulted debt can be recovered, expressed as a percentage of face value.

Risk (Standard Deviation): A measure of the portfolio's risk. A higher standard deviation represents a greater dispersion of returns, and thus a greater amount of risk. The annualized standard deviation is calculated using monthly returns.

Silo: Constructs portfolios using the top 20% of stocks based on each of the four sub-models used to construct William Blair's composite model, then averages the returns coming from each of the four portfolios. The portfolios are rebalanced on a monthly basis and weights stocks based on relative market capitalization. (The Equal Weighted strategy equally weights the returns coming from each of the sub-portfolios; the Optimized approach weights Quality 5%, Valuation 60%, Earnings Trend 5%, and Momentum 30%. The optimization was based on a Monte-Carlo simulation that sought an optimal weighting of each sub-portfolios to achieve the highest return).

Sortino Ratio: A modification of the Sharpe ratio that differentiates harmful volatility from general volatility by taking into account the standard deviation of negative asset returns, called downside deviation. The Sortino ratio subtracts the risk-free rate of return from the portfolio's return, and then divides that by the downside deviation. A large Sortino ratio indicates there is a low probability of a large loss.

Sharpe-Ratio: A risk-adjusted measure calculated using standard deviation and excess return (Portfolio return – Risk Free Rate) to determine reward per unit of risk. The higher the Sharpe ratio, the better the portfolio's historic risk-adjusted performance.

Spread Duration: A measure of the price sensitivity of a fixed income investment to a change in credit spreads.

Tracking Error: Tracking Error measures the extent to which a portfolio tracks its benchmark. The tracking error of an index portfolio should be lower than that of an active portfolio. The tracking error will always be greater than zero if the portfolio is anything other than a replication of the benchmark.

Trailing 1-Year Turnover: This figure reflects the portfolio's trading activity by calculating the amount of the portfolio's holdings bought or sold over the prior year, expressed as a percentage of the portfolio's average market value. Turnover figures may be related to the amount of trading costs experienced by the portfolio.

Weighted Average Market Capitalization: Market capitalization refers to the total market value of each company's outstanding shares. The Weighted Average Market Capitalization for a portfolio is calculated as the average market capitalization of the stocks within the portfolio, weighted by the amount of each stock owned.

Weighted Median Market Capitalization: This calculation represents the median market capitalization of the stocks in the portfolio, weighted by the amount of each stock owned.

Yield to Maturity: A representation of the rate of return anticipated on a bond if held until its maturity.

Yield to Worst: A representation of the lowest potential yield that an investor would receive on a bond if the issuer does not default.

Glossary – Indices

MSCI (Morgan Stanley Capital International): MSCI indices are the most widely used benchmarks by global portfolio managers. MSCI offers international investors performance benchmarks for 51 national stock markets as well as regional, sector, industry group, and industry aggregations.

MSCI China All Shares Index: a free-float weighted equity index designed to capture large and mid-cap representation across China A-shares, B-shares, H-shares, Red-chips, P-chips and foreign listings (e.g. ADRs). The index aims to reflect the opportunity set of China share classes listed in Hong Kong, Shanghai, Shenzhen and outside of China.

MSCI China A Onshore Index: A free-float weighted equity index, designed to measure performance of China A share securities listed on either the Shanghai or Shenzhen Stock Exchanges.

MSCI All Country World ex-US EAFE Index: An unmanaged index that includes developed and emerging markets outside the United States.

MSCI All Country World ex-US Small Cap Index: A free float-adjusted market capitalization index designed to measure global developed and emerging market small capitalization equity performance, excluding the U.S.

MSCI EAFE Index: A free float-adjusted market capitalization index which captures large and mid cap representation across Developed Markets countries around the world, excluding the U.S. and Canada.

MSCI EAFE IMI Index: A free float-adjusted market capitalization index which captures large, mid and small cap representation across Developed Markets countries around the world, excluding the U.S. and Canada.

MSCI EAFE Growth Index: A free float-adjusted market capitalization index that is designed to measure the equity market performance of developed markets, excluding the U.S. & Canada.

MSCI All Country World ex-US Index: An unmanaged index that includes developed and emerging markets, excluding the U.S.

MSCI All Country World ex-US Growth Index: A free float-adjusted market capitalization index that is designed to provide a broad measure of equity-market performance throughout the world, excluding the U.S. It includes those MSCI All Country World ex-US securities with higher price-to-book ratios and higher forecasted growth rates.

MSCI All Country World ex-US IMI Index: A free float-adjusted market capitalization index that is designed to measure equity market performance in the global developed and emerging markets, excluding the U.S.

MSCI All Country World IMI Index: A free float-adjusted market capitalization index that is designed to measure equity market performance in the global developed and emerging markets.

MSCI All Country World ex-US IMI Growth Index: A free float-adjusted market capitalization index that is designed to measure equity market performance in the global developed and emerging markets, excluding the U.S. It includes those MSCI All Country World ex-US IMI Index securities with higher price-to-book ratios and higher forecasted growth rates.

MSCI World ex-US Growth Index: A free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed markets, excluding the U.S., with higher price-to-book ratios and higher forecasted growth rates.

MSCI World ex-US Index: A free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed markets, excluding the U.S.

MSCI Emerging Markets Index: A free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets.

MSCI Emerging Markets IMI Index: A free float-adjusted market capitalization index which captures large, mid and small cap equity market performance in the global emerging markets.

MSCI Emerging Markets ex-China IMI Index: A free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets excluding China.

MSCI Emerging Markets Small Cap Index: A free float-adjusted market capitalization index that is designed to measure equity market performance of small cap companies in emerging markets.

MSCI Emerging Markets Large Cap Index: A free float-adjusted market capitalization index that is designed to measure equity market performance of large cap companies in emerging markets.

MSCI World ex-US Small Cap Index: An unmanaged index that includes non-US developed markets.

Russell 1000 Index: Measures the performance of the 1000 largest companies in the Russell 3000 Index, which represents approximately 90% of the total market capitalization of the U.S. market.

Russell 1000 Growth Index: Measures the performance of those Russell 1000 companies with higher price-to-book ratios and higher forecasted growth values.

Russell 1000 Value Index: Measures the performance of the large cap value segment of the U.S. equity universe. It includes those Russell 1000 companies with lower price-to-book ratios and lower forecasted growth values.

Russell 2000 Index: Measures the performance of the 2000 smallest companies in the Russell 3000 index, which represents approximately 8% of the total market capitalization of the Russell 3000 index.

Russell 2000 Growth Index: Measures the performance of those Russell 2000 companies with higher price-to book ratios and higher forecasted growth values.

Russell 2000 Value Index: Measures the performance of those Russell 2000 companies with lower price-to-book ratios and lower forecasted growth values.

Russell 2500 Index: Measures the performance of the 2500 smallest companies in the Russell 3000 Index.

Russell 2500 Growth Index: Measures the performance of those Russell 2500 companies with higher price-to book ratios and higher forecasted growth values.

Russell 2500 Value Index: Measures the performance of those Russell 2500 companies with lower price-to book ratios and lower forecasted growth values.

Russell 3000 Index: Measures the performance of the 3000 largest U.S. companies based on total market capitalization, which represents approximately 98% of the investable U.S. equity market.

Russell 3000 Growth Index: Measures the performance of those Russell 3000 companies with higher price-to-book ratios and higher forecasted growth values.

Russell Midcap Index: Measures the performance of the 800 smallest companies in the Russell 1000 Index, which represent approximately 27% of the total market capitalization of the Russell 1000 companies.

Russell Midcap Growth Index: Measures the performance of those Russell Midcap companies with higher price-to-book ratios and higher forecasted growth values.

Russell Midcap Value Index: Measures the performance of the mid-cap value segment of the U.S. equity universe. It includes those Russell Midcap Index companies with lower price-to-book ratios and lower forecasted growth values.

S&P 500 Index: The Standard & Poor's 500 Index (S&P 500) is an index of 500 stocks chosen for market size, liquidity and industry grouping, among other factors. The S&P 500 is designed to be a leading indicator of U.S. equities and is meant to reflect the risk/return characteristics of the large cap universe. Companies included in the index are selected by the S&P Index Committee, a team of analysts and economists at Standard & Poor's. The S&P 500 is a market value weighted index—each stock's weight is proportionate to its market value.

A direct investment in an unmanaged index is not possible.

Composite Presentation Report

Large Cap Growth SMA

Calendar	Composite Gross	Composite Net	Russell 1000 Growth	Composite 3-Yr	Benchmark 3-Yr	Number of	Composite Assets		Total Firm
Year	Return (%)	Return (%)	Return (%)	Std Dev (%)	Std Dev (%)	Portfolios	Dispersion (%)	End of Period \$(mm)	Assets \$(mm)
2015	8.22	5.03	5.67	11.06	10.70	5/Fewer	N/A**	10.29	64,777.78
2016	2.95	-0.09	7.08	11.80	11.15	5/Fewer	N/A**	13.63	64,872.51
2017	32.27	28.45	30.21	10.91	10.54	5/Fewer	N/A**	22.78	73,549.85
2018	6.32	3.19	-1.51	12.13	12.13	5/Fewer	N/A**	21.10	48,880.26
2019	37.50	33.53	36.39	11.67	13.07	5/Fewer	N/A**	32.13	58,446.29
2020	37.26	33.29	38.49	18.07	19.64	5/Fewer	N/A**	48.39	69,739.61
2021	28.97	25.23	27.60	17.18	18.17	5/Fewer	N/A**	54.08	79,683.54
2022	-32.12	-34.20	-29.14	24.05	23.47	5/Fewer	N/A**	33.62	56,036.64
2023	41.59	37.51	42.68	21.54	20.51	5/Fewer	N/A**	75.32	67,246.03
2024	26.40	22.73	33.36	21.30	20.33	6	N/A**	133.37	71,590.16

Disclosures:

William Blair Investment Management claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. William Blair Investment Management has been independently verified for the periods January 1, 1993 through December 31, 2024. The verification reports are available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report.

For purposes of compliance with GIPS, the Firm is defined as all portfolios managed by William Blair Investment Management, a distinct operating unit within William Blair. William Blair Investment Management currently operates as William Blair Investment Management, LLC, an investment adviser registered with the United States Securities and Exchange Commission ("SEC") which is a separate legal entity that is distinct from William Blair & Company, L.L.C. Registration with the SEC does not imply a certain level of skill or training.

The Large Cap Growth SMA strategy invests primarily in large-capitalization companies of high quality that demonstrate sustainable growth characteristics.

The benchmark that best reflects the composite's investment style is the Russell 1000® Growth Index, which measures the performance of those Russell 1000® companies with higher price-to-book ratios and higher forecasted growth rates.

There is no minimum initial market value requirement for this composite. New portfolios are added to the composite at the beginning of the month following the first full calendar month under management. Portfolios will be excluded from the composite the first month immediately following the last complete month of authorized management by the Firm. Portfolios are removed at the wrap total level by Vestmark, in the event of a significant cash flow, for the month during which the flow occurs. Portfolios are typically added back into the composite the following month. A portfolio is determined to have a significant cash flow if the accumulated net external flows of cash and/or securities during a month exceed the significant cash flow threshold, which is 25% of the beginning of month portfolio market value. Additional information regarding the treatment of significant cash flows is available upon request.

Performance includes the reinvestment of dividends and other earnings. Portfolio returns are calculated daily. Composite returns are calculated monthly by weighting monthly portfolio returns based on beginning of month market values. Valuations and returns are denominated in U.S. Dollars. Composite dispersion measures represent the consistency of a firm's composite performance with respect to the individual portfolio returns within a composite. The dispersion of annual returns is measured by the asset-weighted standard deviation of the gross returns in the composite. Dispersion includes only those portfolios that have been included in the composite for the entire year. The three-year annualized standard deviation measures the variability of the gross composite returns and benchmark returns over the preceding 36-month period. This statistic is not presented until there are 36 months of performance available.

Performance results are stated net of all fees charged directly or indirectly to the accounts. Net of fee results are calculated using the wrap program's maximum fee of 3.00%. This bundled (wrap) fee includes investment management fees, financial consultant fees, custodial fees, and trading expenses. Bundled fee portfolios constitute 100% of composite assets. Performance results are also stated gross of all fees and transaction costs ("Pure Gross") and are presented as supplemental data.

The Large Cap Growth SMA Composite was created in October 2001. The composite performance inception date is July 1, 2001. Prior to December 2020, the composite was named Large Cap Growth Wrap.

A complete list and description of firm composites and pooled funds is available upon request. Additional information regarding valuing investments, calculating performance, and preparing GIPS reports is also available upon request. Past performance is not indicative of future results. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein. The data and other information included herein has been provided for the intended recipient's review only and may not be copied, reproduced, redistributed, published, retransmitted, or otherwise shared with any third-party without written permission from William Blair. Please refer to the 'Index Disclosures' in this document for further information.

**Five or fewer portfolios were included in the composite for the entire year.